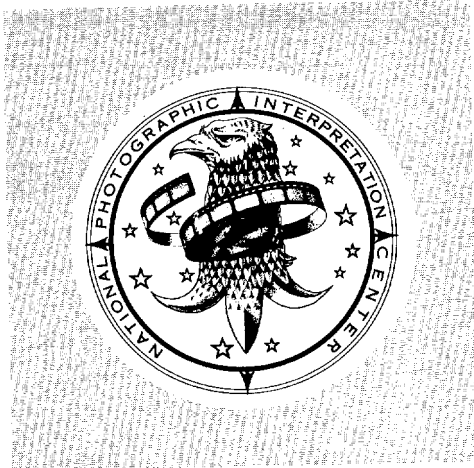


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NATIONAL PHOTOGRAPHIC  
INTERPRETATION CENTER

**OAK**  
*SUPPLEMENT*

**PHOTOGRAPHIC INTERPRETATION REPORT**

DECLASS REVIEW by NIMA/DOD

**KH-4 MISSION 1109**

**IPIR NUMBER 20**

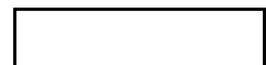
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**5-23 MARCH 1970**

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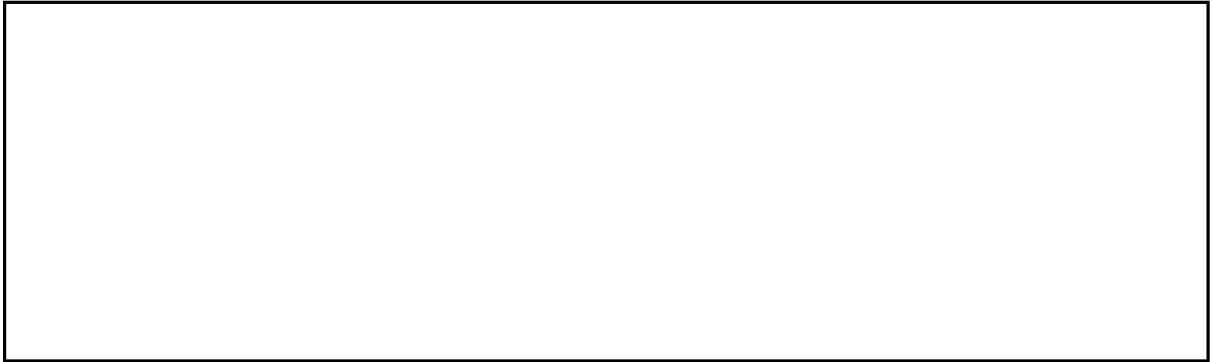
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**TARGET CATEGORIES  
AND  
ASSOCIATED NTP FUNCTIONAL AREAS (CODES)**

- |   |  |
|---|--|
| <b>1. STRATEGIC SSM</b><br>Deployed Strategic SSM Facilities (A)  | <b>7. GROUND</b><br>Ground Force Facilities (G)  |
| <b>2. MISSILE RANGES</b><br>Missile Ranges: Strategic SSM/Space Facilities (P)<br>Missile Ranges: Air-Launched Missile Facilities (Q)<br>Missile Ranges: Naval-Launched Missile Facilities (R)<br>Missile Ranges: Tactical SSM Facilities (S)<br>Missile Ranges: SAM/AMM Facilities (T) | <b>8. TACTICAL SSM</b><br>Deployed Tactical SSM Facilities (H)   |
| <b>3. AIR DEFENSE MISSILES</b><br>Deployed AMM Facilities (B)<br>Deployed SAM Facilities (D)  | <b>9. LOGISTICS</b><br>Military Logistics Facilities (K)   |
| <b>4. ELECTRONICS/COMMUNICATIONS</b><br>Deployed Communication/Electronic/Radar Facilities (C)  | <b>10. NUCLEAR ENERGY</b><br>Atomic Energy Facilities (O)  |
| <b>5. AIR</b><br>Air Base Facilities (E)  | <b>11. CBR</b><br>CBR Facilities (V)   |
| <b>6. NAVAL</b><br>Naval Base Facilities (F)  | <b>12. INDUSTRY</b><br>Strategic Weapons Industrial Facilities (J)<br>General Purpose Weapons Industrial Facilities (L)<br>Non-Military Industrial Facilities (N)<br>Communication/Electronic/Radar R&D Facilities (U) |
|   | <b>13. MISCELLANEOUS</b><br>Non-Military Logistics Facilities (M)<br>Miscellaneous/Unidentified Facilities (Z)   |

These thirteen target categories are compatible with the Functional Area of Imagery Interpretation established under the National Tasking Plan. To enhance the analysis of readout on operationally associated targets, each target is reported relative to its primary functional association (i.e., missile range tracking facilities are reported under "MISSILE RANGES," fly-away airfields at aircraft plants are reported under "INDUSTRY," airfield nuclear weapons storage facilities are reported under "AIR," etc.).

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KH-4 MISSION 1109

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PREFACE

KH-4 MISSION 1109

PREFACE

THIS IS THE SIXTEENTH OAK SUPPLEMENT REPORT ON MISSION 1109.  
FOR COMPLETE PREFACE SEE THE FIRST OAK SUPPLEMENT REPORT.

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KH-4 MISSION 1109

ALGERIA  
AIR BASE FACILITIES

SIGNIFICANT RESULTS

25X1D

BOU-SFER AIRFIELD

NAC

35-44 [ ] N 000-48 [ ] W

25X1D 25X1D

STATUS: OPERATIONAL

25X1A

AIR ORDER OF BATTLE:  
1 NORATLAS

8 SMALL STRAIGHT-WING

25X1D

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25X1

25X1

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ALGERIA  
NAVAL BASE FACILITIES

SIGNIFICANT RESULTS

25X1D 25X1D

25X1D

ARZEW PORT FACILITIES

25X1A

35-51 N 000-18

STATUS: OPERATIONAL

PHYSICAL DESCRIPTION:  
ON THE EASTERN EDGE OF ARZEW. FACILITIES CONSIST OF TWO  
BASINS, FOUR BREAKWATERS, TWO MOLES, THREE QUAYS, ONE POL PIER,  
TWO T-HEAD PIERS, FOUR STORAGE BUILDINGS, AND 11 SUPPORT  
BUILDINGS. THREE MOORING POSITIONS CONSISTING OF SIX BUOYS  
EACH ARE JUST SE OF THE PORT.

NAVAL ORDER OF BATTLE:  
6 LARGE TANKERS

12 SMALL VESSELS

25X1D

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25X1

25X1

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25X1

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ALGERIA  
GROUND FORCE FACILITIES

## SIGNIFICANT RESULTS

25X1D 25X1D

AIN ET TURK MILITARY BARRACKS

35-44 [ ] N 000-45 [ ] W

25X1D

STATUS:OCCUPIED

25X1A

## PHYSICAL DESCRIPTION:

6 NM SSE OF AIN ET TURK. THIS FENCED FACILITY CONSISTS OF THREE ADMINISTRATION-TYPE BUILDINGS, 28 BARRACKS, 13 STORAGE OR SUPPORT BUILDINGS, ONE RECREATION FIELD, AND ONE PARADE FIELD.

## GROUND FORCE ORDER OF BATTLE:

6 VEHICLES OR PIECES OF EQUIPMENT

25X1D

25X1D 25X1D

BOU SFER MILITARY BARRACKS

35-43 [ ] N 000-48 [ ] W

25X1D

STATUS:OCCUPIED

25X1A

## PHYSICAL DESCRIPTION:

1 NM NORTH OF BOU SFER. THIS FENCED FACILITY CONSISTS OF THREE ADMINISTRATION BUILDINGS, 37 BARRACKS, 18 STORAGE OR SUPPORT BUILDINGS, AND TWO PARADE FIELDS.

## GROUND FORCE ORDER OF BATTLE:

5 VEHICLES OR PIECES OF EQUIPMENT

25X1D

25X1D 25X1D

BOU SFER PROB AMMO STORAGE FACILITY

35-42 [ ] N 000-45 [ ] W

25X1D

STATUS:OCCUPIED

25X1A

## PHYSICAL DESCRIPTION:

3 NM EAST OF BOU SFER. THIS PROBABLY FENCED FACILITY CONSISTS

25X1

25X1

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25X1

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ALGERIA  
GROUND FORCE FACILITIES

25X1

OF ONE PROBABLE ADMINISTRATION BUILDING, TWO STORAGE OR SUPPORT  
BUILDINGS WITHIN A LARGE REVETMENT, FIVE LARGE EXPLOSIVES  
STORAGE BUILDINGS RECESSED INTO A HILL, AND SEVEN OTHER SUPPORT  
BUILDINGS.

25X1D

25X1



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25X1D

25X1

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25X1

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CHINA, COMMUNIST  
GROUND FORCE FACILITIES

SIGNIFICANT RESULTS

CHING-KAN ARMY BARRACKS

24-54 [ ] N 098-53 [ ] E

25X1D

STATUS: NEGATED

25X1A

REMARKS:  
THE INSTALLATION IS A HOUSING AREA FOR A SMALL INDUSTRY AND IS NOT MILITARY IN NATURE.

25X1D

FU-YUAN ARMY BARRACKS SOUTH AL 1

47-39 [ ] N 132-30 [ ] E

25X1D

STATUS: OCCUPIED

25X1A

25X1D

25X1A

25X1D

PHYSICAL DESCRIPTION:  
ON THE SW EDGE OF TUNGCHIANG.  
THE INSTALLATION CONTAINS ONE T-SHAPED ADMINISTRATION BUILDING/BARRACKS, TWO BARRACKS, AND ONE POSSIBLE MESSHALL/SUPPORT BUILDING. IT IS SECURED WITH TRENCHING OUTSIDE THE BASE PERIMETER.

GROUND FORCE ORDER OF BATTLE:  
NONE DISCERNIBLE

25X1D

NAN-PAN ARMY BKS AND BORDER OUTPOST

23-17 [ ] N 099-06 [ ] E

25X1D

STATUS: OCCUPIED

25X1A

25X1D

25X1A

25X1D

PHYSICAL DESCRIPTION:  
3.3 NM NW OF NANPAN.  
THE INSTALLATION CONTAINS NINE BARRACKS, ONE MESSHALL, AND 20 STORAGE/SUPPORT BUILDINGS. A CIRCULAR TRENCH SYSTEM IS ON THE HILL IMMEDIATELY SOUTH OF THE INSTALLATION.

25X1

25X1

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25X1

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CHINA, COMMUNIST  
GROUND FORCE FACILITIES

GROUND FORCE ORDER OF BATTLE:  
NONE DISCERNIBLE

25X1D

NIU-WO-PAI MOTOR PARKS SA 1

23-34 N 103-16 E

25X1D

STATUS: OCCUPIED

25X1A

25X1D

25X1A

25X1D

PHYSICAL DESCRIPTION:  
IN THE VICINITY OF NIUWOPAI.  
THE INSTALLATION CONSISTS OF TWO AREAS.

AREA A, 1 NM SE OF NIUWOPAI, CONTAINS ONE  
BARRACKS/ADMINISTRATION BUILDING, TWO VEHICLE MAINTENANCE  
BUILDINGS, AND FIVE STORAGE/SUPPORT BUILDINGS.

AREA B, ON THE NW EDGE OF NIUWOPAI, CONTAINS ONE ADMINISTRATION  
BUILDING, 13 VEHICLE MAINTENANCE BUILDINGS, AND THREE  
STORAGE/SUPPORT BUILDINGS.

GROUND FORCE ORDER OF BATTLE:  
7 VEHICLES/PIECES OF  
EQUIPMENT

25X1D

WAN-YAO-SHU ARMY BARRACKS AL 1

25-01 N 098-51 E

25X1D

STATUS: NEGATED

25X1A

25X1D

25X1A

25X1D

REMARKS:  
THE INSTALLATION IS AN AGRICULTURAL COMMUNE AND IS NOT MILITARY  
IN NATURE.

25X1D

25X1

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25X1

25X1

CHINA, COMMUNIST  
GROUND FORCE FACILITIES

KH-4 MISSION 1109

25X1D

25X1D

23-23 N 104-14 E

25X1A

WEN-SHAN SUPPLY DEPOT

25X1A

STATUS: OCCUPIED

PHYSICAL DESCRIPTION:  
ON THE NORTH EDGE OF WENSHAN.  
THE INSTALLATION CONTAINS ONE ADMINISTRATION BUILDING, 45  
STORAGE BUILDINGS, AND APPROXIMATELY 40 STORAGE/SUPPORT  
BUILDINGS.

GROUND FORCE ORDER OF BATTLE:  
NONE DISCERNIBLE

25X1D

25X1D

OTHER RESULTS-NO APPARENT CHANGE

31-31 N 121-51 E

25X1D

25X1A

SHANG-HAI COASTAL DEFENSE SITE 1  
NAC

25X1D

25X1A

STATUS: OPERATIONAL

GROUND FORCE ORDER OF BATTLE:  
NONE DISCERNIBLE

25X1D

25X1D

25X1D

31-23 N 121-44 E

25X1A

SHANG-HAI COASTAL DEFENSE SITE 2  
NAC

25X1D

25X1A

STATUS: OPERATIONAL

GROUND FORCE ORDER OF BATTLE:  
NONE DISCERNIBLE

25X1D

25X1D

25X1

25X1

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25X1

KH-4 MISSION 1109

CHINA, COMMUNIST  
GROUND FORCE FACILITIES

25X1D 25X1D

SHANG-HAI COASTAL DEFENSE SITE 3

31-22 [ ] N 121-43 [ ] E

25X1D [ ] NAC

25X1A

STATUS: OPERATIONAL

GROUND FORCE ORDER OF BATTLE:  
NONE DISCERNIBLE

25X1D

25X1D 25X1D

SHANG-HAI COASTAL DEFENSE SITE 4

31-19 [ ] N 121-46 [ ] E

25X1D [ ] NAC

25X1A

STATUS: OPERATIONAL

GROUND FORCE ORDER OF BATTLE:  
NONE DISCERNIBLE

25X1D

25X1D 25X1D

SHANG-HAI COASTAL DEFENSE SITE 5

31-21 [ ] N 121-52 [ ] E

25X1D [ ] NAC

25X1A

STATUS: OPERATIONAL

GROUND FORCE ORDER OF BATTLE:  
NONE DISCERNIBLE

25X1D

25X1D 25X1D

SHANG-HAI COASTAL DEFENSE SITE 6

31-21 [ ] N 121-53 [ ] E

25X1D [ ] NAC

25X1A

STATUS: OPERATIONAL

GROUND FORCE ORDER OF BATTLE:  
NONE DISCERNIBLE

25X1D

25X1

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25X1

KH-4 MISSION 1109

CHINA, COMMUNIST  
GROUND FORCE FACILITIES

25X1D 25X1D

25X1D SHANG-HAI COASTAL DEFENSE SITE 7  
[REDACTED] NAC

31-35- [REDACTED] N 121-46- [REDACTED] E

STATUS: OPERATIONAL

GROUND FORCE ORDER OF BATTLE:  
NONE DISCERNIBLE

25X1D

25X1A

25X1D SHANG-HAI COASTAL DEFENSE SITE 8  
[REDACTED] NAC

31-41- [REDACTED] N 121-52- [REDACTED] E

STATUS: OPERATIONAL

GROUND FORCE ORDER OF BATTLE:  
NONE DISCERNIBLE

25X1D

25X1D 25X1D

25X1A

25X1D SHANG-HAI COASTAL DEFENSE SITE 9  
[REDACTED] NAC

31-42- [REDACTED] N 121-53- [REDACTED] E

STATUS: OPERATIONAL

GROUND FORCE ORDER OF BATTLE:  
NONE DISCERNIBLE

25X1D

25X1D 25X1D

25X1A

25X1

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25X1

KH-4 MISSION 1109

CHINA, COMMUNIST  
DEPLOYED TACTICAL SSM FACILITIES

## SIGNIFICANT RESULTS

CHIN-HSI COASTAL DEFENSE SITE CM TSR

40-41 120-54 E

25X1D 25X1D

25X1D

25X1A

25X1A

STATUS: OCCUPIED

## REMARKS:

THE SAMLET CRATES NORMALLY SEEN AT THE SUPPORT BUILDING APPROXIMATELY 90 METERS (300 FEET) SW OF THE NEW BUILDING UNDER CONSTRUCTION IN THE MISSILE-HANDLING AREA OF THE SUPPORT FACILITY HAVE BEEN REMOVED. THE NEW BUILDING REMAINS IN AN EARLY STAGE OF CONSTRUCTION. VEHICLES AND/OR EQUIPMENT ARE OBSERVED AT VARIOUS LOCATIONS WITHIN THE SUPPORT FACILITY.

NO CHANGE IS OBSERVED IN THE POSSIBLE COASTAL DEFENSE SITE.

AT THE COASTAL DEFENSE LAUNCH SITE, BOTH LAUNCH POSITIONS ARE OCCUPIED. AT LEAST SEVEN VEHICLES OR PIECES OF EQUIPMENT ARE OBSERVED IN THE WESTERN LAUNCH AREA. AT LEAST FIVE PIECES OF EQUIPMENT ARE OBSERVED IN THE ELECTRONICS AREA.

25X1D

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25X1

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25X1D

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25X1

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25X1

KH-4 MISSION 1109

UNITED ARAB REPUBLIC  
AIR DEFENSE MISSILES

### SIGNIFICANT RESULTS

25X1D 25X1D

AL ISKANDARIYAH SAM SITE A20-2

31-06- [ ] N 029-52- [ ] E

25X1D

STATUS:UNOCCUPIED

25X1A

25X1A

#### REMARKS:

A CIRCULAR GROUND SCAR APPROXIMATELY [ ] IN  
DIAMETER IS OBSERVED IN THE WESTERN PORTION OF THE SITE NEAR  
THE PERIMETER ROAD.

25X1

25X1D

25X1D 25X1D

AL ISMAILIYAH SAM SITE B01-2

30-46- [ ] N 032-18- [ ] E

25X1D

NAC

STATUS:OCCUPIED

25X1A

25X1A

25X1D

25X1D 25X1D

AL ISMAILIYAH SAM SUPPORT FACILITY

30-37- [ ] N 032-15- [ ] E

25X1D

NAC

STATUS:OPERATIONAL

25X1A

25X1A

25X1D

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25X1D

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25X1

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25X1

KH-4 MISSION 1109

UNITED ARAB REPUBLIC  
AIR BASE FACILITIES

SIGNIFICANT RESULTS

25X1D 25X1D

BALUZA AIRFIELD

25X1D

31-00 N 032-34 E

STATUS: OPERATIONAL

25X1A

REMARKS:

A NEW E/W SERVICEABLE BLACKTOP RUNWAY HAS BEEN CONSTRUCTED. IT  
EXTENDS EAST FROM THE SOUTH END OF THE N/S RUNWAY.

AIR ORDER OF BATTLE:

NONE DISCERNIBLE

25X1D

25X1

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25X1

KH-4 MISSION 1109

KOREA, NORTH  
GROUND FORCE FACILITIES

SIGNIFICANT RESULTS

25X1D

25X1D

ANDORI MILITARY STORAGE AREA

38-30 N 128-15 E

25X1D

25X1A

25X1A

STATUS:UNKNOWN

PHYSICAL DESCRIPTION:

3 NM NE OF ANDO-RI.  
THE FACILITY CONSISTS OF TWO SMALL BUILDINGS AND TRENCHING. IT  
APPEARS TO BE ONE OF THE MANY SMALL BORDER OUTPOSTS WHICH ARE  
IN THIS AREA. NO STORAGE AREA IS OBSERVED.

GROUND FORCE ORDER OF BATTLE:  
NONE DISCERNIBLE

25X1D

HAMHUNG PROB ARMORED VEH DPO PUG

39-53 N 127-34 E

25X1D

25X1A

25X1D

25X1A

25X1D

STATUS:UNKNOWN

PHYSICAL DESCRIPTION:

1.8 NM SE OF THE CENTER OF HAMHUNG.  
THE FACILITY CONSISTS OF ONE LARGE POSSIBLE VEHICLE MAINTENANCE  
BUILDING, ONE POSSIBLE ADMINISTRATION BUILDING, TWO POSSIBLE  
VEHICLE STORAGE SHEDS, AND THREE SUPPORT BUILDINGS.

25X1D

25X1D

25X1D

GROUND FORCE ORDER OF BATTLE:  
NONE DISCERNIBLE

25X1D

25X1

25X1

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25X1

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KOREA, NORTH  
GROUND FORCE FACILITIES

25X1D

KOSAN ARMY BARRACKS NE

38-53 N 127-29 E

25X1D

25X1A

25X1D

25X1A

25X1D

STATUS: UNKNOWN

PHYSICAL DESCRIPTION:

4 NM NE OF KOSAN.  
THE ROAD-SERVED FACILITY CONSISTS OF ONE OPEN-COURT BUILDING,  
ONE C-SHAPED BUILDING, 12 STORAGE/SUPPORT-TYPE BUILDINGS, ONE  
POSSIBLE AUDITORIUM, AND 60 QUARTERS/BARRACKS-TYPE BUILDINGS.

GROUND FORCE ORDER OF BATTLE:  
NONE DISCERNIBLE

25X1D

WONSAN ARMY BARRACKS SOUTHWEST

39-04 N 127-21 E

25X1D

25X1A

25X1D

25X1A

STATUS: OCCUPIED

25X1

25X1

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25X1

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KOREA, NORTH  
GROUND FORCE FACILITIES

PHYSICAL DESCRIPTION:

6.5 NM SW OF WONSAN.

THE INSTALLATION CONSISTS OF ONE BARRACKS, ONE  
BARRACKS/ADMINISTRATION BUILDING, ONE QUARTERS-TYPE BUILDING,  
EIGHT SUPPORT BUILDINGS, ONE STORAGE BUILDING, FOUR VEHICLE  
SHEDS, AND NINE VEHICLE REVETMENTS.

GROUND FORCE ORDER OF BATTLE:  
NONE DISCERNIBLE

25X1D

OTHER RESULTS-NO APPARENT CHANGE

SEPO-UP MILITARY INSTALLATION

38-38 N 127-20 E

25X1D

25X1A

25X1D

25X1A

STATUS:UNKNOWN

GROUND FORCE ORDER OF BATTLE:  
NONE DISCERNIBLE

25X1D

25X1

25X1

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25X1

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LEBANON  
AIR BASE FACILITIES

SIGNIFICANT RESULTS

25X1D 25X1D

KLEIAT AIRFIELD

25X1D

34-35

N

036-00

E

STATUS: OPERATIONAL

25X1A

REMARKS:  
EIGHT POSSIBLE HARDSTANDS, FOUR AT EACH END OF THE RUNWAY, ARE  
UNDER CONSTRUCTION.

AIR ORDER OF BATTLE:  
2 POSS DELTA-WING

25X1D

25X1



25X1 [redacted] SYRIA  
25X1 [redacted] AIR DEFENSE MISSILES  
KH-4 MISSION 1109

SIGNIFICANT RESULTS

25X1D [redacted] 25X1D 25X1D  
AL LADHIQIYAH POSSIBLE SA-2 SITE 35-32 [redacted] N 035-49 [redacted] E  
25X1D [redacted] 25X1A  
STATUS: UNKNOWN

REMARKS:  
NO SAM SITE IS PRESENT AT THE REFERENCED COORDINATES. THE  
INSTALLATION HERE APPEARS TO CONTAIN FOUNDATIONS FOR FIVE POL  
TANKS.

25X1D [redacted]

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25X1D

25X1

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25X1

KH-4 MISSION 1109

SOVIET UNION  
AIR DEFENSE MISSILES

25X1D 25X1D

KIMRY SAM COMPLEX A19-5

56-45 [ ] N 037-20 [ ] E

25X1D

25X1A

STATUS:OCCUPIED

25X1A

REMARKS:  
MISSILE-READY BUILDINGS/SHELTERS ARE OBSERVED AT LAUNCH  
POSITIONS A1-A3, B1-B6, AND C1-C6. ALL 18 LAUNCH POSITIONS ARE  
OCCUPIED. THE TRACKING AND GUIDANCE FACILITY IS OCCUPIED. NO  
NEW CONSTRUCTION IS NOTED IN THE MISSILE-HANDLING FACILITY OR  
THE SUPPORT FACILITY. ALL FOUR MOUNDS OF THE AIR WARNING RADAR  
FACILITY ARE OCCUPIED.

25X1D

LENINGRAD SAM TRAINING FACILITY C06-5

60-07 [ ] N 030-59 [ ] E

25X1D

NAC

25X1A

STATUS:OPERATIONAL

25X1D 25X1D

25X1D

MALOYAROSLAVETS SAM COMPLEX A19-5

54-55 [ ] N 036-27 [ ] E

25X1D

25X1A

25X1A

25X1D

25X1D

STATUS:OCCUPIED

REMARKS:  
THE COMPLEX IS IN A LATE STAGE OF CONSTRUCTION AND CONTAINS TWO  
LAUNCH SITES. THERE IS NO EVIDENCE THAT A THIRD SITE IS  
INTENDED. LAUNCH POSITION REVETMENTS ARE COMPLETE AT POSITIONS  
A1, A2, AND A3 AND NEARING COMPLETION AT ALL OTHER POSITIONS.  
SITE CONTROL CENTER B APPEARS TO BE COMPLETE. A BUILDING IS  
OBSERVED AT THE TRACKING AND GUIDANCE CONTROL CENTER. RADAR

TOP SECRET

25X1

25X1

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25X1

KH-4 MISSION 1109

SOVIET UNION  
AIR DEFENSE MISSILES

MOUND A IS NEARING COMPLETION. RADAR MOUND B IS COMPLETE AND OCCUPIED. THE MISSILE-HANDLING FACILITY IS IN THE MIDSTAGE OF CONSTRUCTION AND CONTAINS TWO ARCH-ROOFED MISSILE STORAGE BUILDINGS UNDER CONSTRUCTION AND A CRATE STORAGE REVETMENT. THE SUPPORT FACILITY CONTAINS 11 COMPLETED BUILDINGS AND FOUR UNDER CONSTRUCTION. TRENCHING AND SCARRING ARE OBSERVED THROUGHOUT THE MISSILE HANDLING AND SUPPORT FACILITIES. THE AIR WARNING RADAR FACILITY CONSISTS OF FOUR UNOCCUPIED RADAR MOUNDS, ONE BUNKER, AND ONE BUILDING.

25X1D

MOSKVA SAM SITE C10-1  
NAC

55-40 N 038-21 E

25X1A

25X1D

25X1D 25X1D

STATUS:OCCUPIED

25X1D

MOSKVA SAM SITE C12-1  
NAC

55-32 N 038-21 E

25X1A

25X1D

25X1D 25X1D

STATUS:OCCUPIED

25X1D

25X1

Next 6 Page(s) In Document Exempt

25X1D

25X1

25X1

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TOP SECRET

SOVIET UNION  
AIR DEFENSE MISSILES

KH-4 MISSION 1109

25X1D

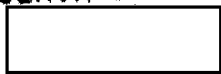


MOSKVA SAM SITE E26-1  
NAC

55-36 N 036-19 E

25X1A

25X1D



25X1D 25X1D

STATUS:OCCUPIED

25X1D

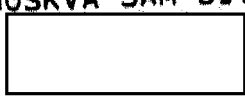


MOSKVA SAM SITE E36-1  
NAC

56-29 N 037-28 E

25X1A

25X1D



25X1D 25X1D

STATUS:OCCUPIED

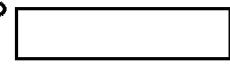
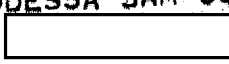
25X1D



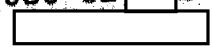
ODESSA SAM COMPLEX A25-5

46-24 N 030-32 E

25X1D



25X1A

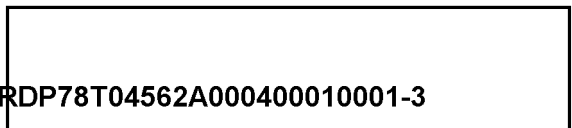


25X1A  
25X1D 25X1D

STATUS:OCCUPIED

REMARKS:  
THE COMPLEX APPEARS TO BE COMPLETE. ALL 18 LAUNCH POSITIONS,  
THE THREE SQUARE PAIR RADAR MOUNDS, AND THE AIR WARNING RADAR  
FACILITY ARE OCCUPIED.

25X1



25X1

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~~TOP SECRET~~

25X1

SOVIET UNION  
AIR DEFENSE MISSILES

KH-4 MISSION 1109

25X1D

25X1D

ODESSA SAM SITE A05-3  
NAC

46-34 N 030-52 E

25X1A

25X1A

25X1D 25X1D

STATUS:OCCUPIED

25X1D

25X1D

ODESSA SAM SITE A19-2  
NAC

46-21 N 030-43 E

25X1A

25X1A

25X1D 25X1D

STATUS:OCCUPIED

25X1D

25X1D

ODESSA SAM SITE A19-3  
NAC

46-21 N 030-42 E

25X1A

25X1A

25X1D 25X1D

STATUS:OCCUPIED

25X1D

25X1D

ODESSA SAM SUPPORT FACILITY

46-32 N 030-38 E

25X1A

25X1A

25X1D 25X1D

STATUS:OPERATIONAL

REMARKS:  
A DOUBLY SECURED AREA OF UNIDENTIFIED ACTIVITY IS ADJACENT TO  
THE FACILITY.

25X1D

25X1

25X1

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TOP SECRET

25X1

KH-4 MISSION 1109

SOVIET UNION  
AIR DEFENSE MISSILES

25X1D

25X1D ODESSA SAM TRAINING FACILITY A16-2  
[REDACTED] NAC

46-25 [REDACTED] N 030-44 [REDACTED] E

STATUS: OPERATIONAL

25X1D

25X1A  
25X1D

25X1D

25X1D ODESSA SA-3 SAM ASSEMBLY FACILITY  
[REDACTED] NAC

46-31 [REDACTED] N 030-37 [REDACTED] E

STATUS: OPERATIONAL

25X1D

25X1A  
25X1D

25X1D

25X1D OREKHOVO-ZUYEVO SAM COMPLEX CO8A-5  
[REDACTED]

55-53 [REDACTED] N 039-37 [REDACTED] E

25X1A

25X1D

25X1A  
25X1D

STATUS: UNDER CONSTRUCTION

## REMARKS:

THE COMPLEX IS IN THE EARLY-TO-MIDSTAGES OF CONSTRUCTION. ALL LAUNCH POSITIONS AT SITES A AND B HAVE BEEN REVETTED. THE AREA FOR LAUNCH SITE C HAS BEEN CLEARED AND EARTH SCARRING INDICATES THAT THE FIRST STAGES OF CONSTRUCTION ARE PROBABLY UNDERWAY. HOWEVER, THE AREA IS SNOW-COVERED AND NO RECENT ACTIVITY IS NOTED. THE CONTROL FACILITY AT SITE B IS UNDER CONSTRUCTION. EARTH SCARRING IN FRONT OF THE COMPLEX INDICATES THAT THE SUPPORT FACILITY MAY BE IN THE EARLY STAGES OF CONSTRUCTION. A SELF-SUPPORTING LATTICE TOWER IS OBSERVED MID-WAY BETWEEN SITE B AND THE TRACKING AND GUIDANCE FACILITY. IN THE TRACKING AND GUIDANCE AREA, RADAR MOUNDS B AND C APPEAR TO BE COMPLETE. MOUND A APPEARS TO BE INCOMPLETE. THE AREA OF THE RADAR MOUNDS IS SNOW-COVERED WITH NO CONSTRUCTION ACTIVITY OBSERVED. THE CONTROL FACILITY FOR THE TRACKING AND GUIDANCE AREA APPEARS TO BE IN THE MID-TO-LATE STAGES OF CONSTRUCTION. THE ASSOCIATED AIR WARNING RADAR FACILITY IS 3 NM NNW OF THE COMPLEX AND CONSISTS OF FOUR RADAR MOUNDS IN AN H-SHAPED CONFIGURATION.

TOP SECRET

25X1



25X1

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TOP SECRET

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25X1

KH-4 MISSION 1109

SOVIET UNION  
AIR DEFENSE MISSILES

THE LAUNCH COMPLEX AND AIR WARNING RADAR FACILITY ARE  
UNOCCUPIED.

25X1D

PERESLAVL-ZALESSKIY SAM COMPLEX A29-5

56-45

N

038-38

E

25X1A

25X1D

25X1A

25X1D 25X1D

STATUS: OCCUPIED

REMARKS:  
ALL LAUNCH SITE CONTROL CENTERS ARE COMPLETE. LAUNCH POSITIONS  
A1-A6, B3, B4, AND C1-C6 ARE COMPLETE OR NEARLY COMPLETE, AND  
HAVE MISSILE-READY BUILDINGS. A LARGE MISSILE-READY SHELTER IS  
OBSERVED AT B6. LAUNCH POINTS A1-A6 AND B3-B5 ARE OCCUPIED.  
THE TRACKING AND GUIDANCE FACILITY IS COMPLETE AND OCCUPIED.  
THE AIR WARNING RADAR FACILITY IS OCCUPIED AND CONSISTS OF FOUR  
MOUNDS IN AN H-SHAPED PATTERN, TWO ADDITIONAL MOUNDS, A LARGE  
BUILDING, AND UNIDENTIFIED GROUND SCARRING.

25X1D

41

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TOP SECRET

25X1

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25X1D

25X1

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TOP SECRET

25X1

KH-4 MISSION 1109

SOVIET UNION  
COMMO/ELEC/RADAR FACILITIES

## SIGNIFICANT RESULTS

ALMA-ATA HF COMMO FACILITY NIKOLAYEVKA

43-34 [ ] N 077-05 [ ] E

25X1D

25X1D 25X1D

STATUS: UNDER CONSTRUCTION 25X1A

## PHYSICAL DESCRIPTION:

20 NM NNE OF ALMA-ATA. THIS SECURED FACILITY CONTAINS AT LEAST 24 DOUBLE RHOMBS UNDER CONSTRUCTION. ANCHOR POSITIONS ARE OBSERVED FOR NINE DOUBLE RHOMBS. MOST POSITIONS HAVE BEEN DUG FOR AT LEAST 15 ADDITIONAL RHOMBS, BUT NO ANTENNAS OR ANCHOR POSITIONS ARE NOTED. A PROBABLE CONTROL BUILDING AND FOUR SUPPORT BUILDINGS ARE UNDER CONSTRUCTION NEAR THE CENTER OF THE INSTALLATION.

25X1D

ALMA-ATA HF COMMUNICATIONS FAC KIBRAY

43-15 [ ] N 076-42 [ ] E

25X1D

25X1D 25X1D

STATUS: OPERATIONAL 25X1A

## PHYSICAL DESCRIPTION:

9.5 NM WEST OF ALMA-ATA. THIS FACILITY CONTAINS AT LEAST 11 FISHBONE RECEIVING ANTENNAS (NINE PROBABLY 5-3-3-5 CONFIGURATION AND TWO PROBABLY 2-2-2-2-2 CONFIGURATION), AN UNDETERMINED NUMBER OF UNIDENTIFIED MASTS, AND A CONTROL BUILDING.

25X1D

ALMA-ATA PROBABLE HF COMMO FACILITY

43-30 [ ] N 076-58 [ ] E

25X1D

25X1D 25X1D

STATUS: UNKNOWN

25X1A

## PHYSICAL DESCRIPTION:

13 NM NORTH OF ALMA-ATA. THIS SECURED FACILITY CONTAINS AN UNDETERMINED NUMBER OF ANTENNAS, THE CONFIGURATIONS OF WHICH ARE ALSO UNDETERMINED. A SUPPORT AREA CONTAINS ONE CONTROL

25X1

TOP SECRET

25X1

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TOP SECRET

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25X1

KH-4 MISSION 1109

SOVIET UNION  
COMMO/ELEC/RADAR FACILITIES

BUILDING, TWO BARRACKS OR ADMINISTRATION BUILDINGS, FOUR  
SUPPORT BUILDINGS, AND TWO BUILDINGS UNDER CONSTRUCTION.

25X1D

BARNaul ELECTRONICS FACILITY

53-19 [ ] N 083-21 [ ] E

25X1D

STATUS: OPERATIONAL

25X1A

25X1D 25X1D

PHYSICAL DESCRIPTION:  
14.5 NM EAST OF BARNaul. THIS SECURED FACILITY CONSISTS OF  
FIVE CABLE-LINKED ELECTRONICS-ASSOCIATED BUILDINGS. A SUPPORT  
AREA TO THE SOUTHEAST CONTAINS SEVEN BARRACKS, ONE MESSHALL,  
ONE ADMINISTRATION BUILDING, TWO SUPPORT BUILDINGS, ONE VEHICLE  
STORAGE BUILDING, AND A SEPARATELY SECURED VEHICLE PARK.

25X1D

CHALDOVAR VLF COMMUNICATIONS FACILITY

43-02 [ ] N 073-37 [ ] E

25X1D

STATUS: UNDER CONSTRUCTION 25X1A

25X1D 25X1D

REMARKS:  
CONSTRUCTION IS CONTINUING ON THE ANCHOR POSITIONS FOR TOWERS,  
BUT NO TOWERS ARE PRESENT. THE CONTROL BUILDING APPEARS TO BE  
EXTERNALLY COMPLETE, AND CONSTRUCTION HAS BEGUN ON THE HELIX  
BUILDING. NO APPARENT CHANGE IS OBSERVED IN THE SUPPORT AREA.

25X1D

KALUGA HF COMMO FACILITY

54-23 [ ] N 036-11 [ ] E

25X1D

STATUS: OPERATIONAL

25X1A

25X1D 25X1D

PHYSICAL DESCRIPTION:  
9.1 NM SSW OF KALUGA. THIS FACILITY IS IN A WOODED AREA AND

48

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TOP SECRET

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25X1

25X1

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TOP SECRET

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25X1

KH-4 MISSION 1109

SOVIET UNION  
COMMO/ELEC/RADAR FACILITIES

CONSISTS OF AN ANTENNA FIELD, SEVEN DOUBLE RHOMBIC ANTENNAS,  
TWO QUADRANT ANTENNAS, ONE CONTROL BUILDING, AND FOUR SUPPORT  
BUILDINGS.

25X1D

25X1D

KARSHI TALL KING-AW RADAR FACILITY

38-42- N 065-43- E

25X1D 25X1D

STATUS: OPERATIONAL

25X1A

## PHYSICAL DESCRIPTION:

10 NM SSW OF KARSHI. THIS SECURED FACILITY CONTAINS ONE TALL  
KING ANTENNA, ONE ANTENNA BUILDING, AND ONE CONTROL BUILDING  
WHICH IS APPROXIMATELY 385 METERS (1,260 FEET) NE OF THE  
ANTENNA BUILDING. THE CONTROL BUILDING AND THE ANTENNA  
BUILDING ARE CONNECTED BY CABLE. A PROBABLE SIDE NET RADAR IS  
IMMEDIATELY EAST OF THE ANTENNA BUILDING. TWO UNOCCUPIED RADAR  
MOUNDS AND NINE VEHICLE AND EQUIPMENT REVETMENTS (FIVE OF WHICH  
ARE OCCUPIED) ARE ALONG THE EASTERN EDGE OF THE INSTALLATION.  
THREE DRIVE-THROUGH SLOT REVETMENTS (ALL APPEAR OCCUPIED) ARE  
APPROXIMATELY 375 METERS (1,140 FEET) SOUTH OF THE TALL KING.

## ELECTRONIC ORDER OF BATTLE:

1 TALL KING

1 PROB SIDE NET

25X1D

25X1D

MAKUSHINO MICROWAVE FACILITY

55-13- N 067-14- E

25X1D 25X1D

STATUS: OPERATIONAL

25X1A

## REMARKS:

A NEW MICROWAVE TOWER IS UNDER CONSTRUCTION ADJACENT TO THE  
EXISTING TOWER. THE BASE FOR THE NEW TOWER AND FOUR FOOTINGS  
FOR GUY WIRES ARE OBSERVED.

25X1D

25X1

25X1

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TOP SECRET

25X1

KH-4 MISSION 1109

SOVIET UNION  
COMMO/ELEC/RADAR FACILITIES

TOBOLSK AW RADAR FACILITY

58-08-//N 068-15-//E

25X1D

STATUS:OCCUPIED

25X1A

## REMARKS:

THIS FACILITY CONTAINS TWO OCCUPIED RADAR MOUNDS.

ELECTRONIC ORDER OF BATTLE:  
1 PROB BAR LOCK

1 PROB HEIGHTFINDER

25X1D

VARANODEY SUSP AIR WARNING RADAR FAC

68-49 N 057-59 E

25X1D

STATUS:OPERATIONAL

25X1A

25X1D 25X1D

PHYSICAL DESCRIPTION:  
ON THE NORTHERN EDGE OF VARANODEY. THIS UNSECURED AW RADAR FACILITY CONTAINS ONE 75-FOOT RADOME AND THREE HORIZONTAL FUEL STORAGE TANKS. THE TOWN OF VARANODEY IS THE SUPPORT FACILITY FOR THIS INSTALLATION.ELECTRONIC ORDER OF BATTLE:  
1 PART TIME RADAR

25X1D

VISOKAYA RADREL STA

54-51 N 037-26 E

25X1D

STATUS:OPERATIONAL

25X1A

25X1D 25X1D

PHYSICAL DESCRIPTION:  
4 NM SOUTH OF SERPUKHOV. THIS INSTALLATION IS SINGLE-FENCED AND CONSISTS OF A MICROWAVE ANTENNA, ONE CONTROL BUILDING, AND TWO SUPPORT BUILDINGS. THE SMALL SCALE OF THE PHOTOGRAPHY PRECLUDES IDENTIFICATION OF THE ANTENNA ELEMENTS AND THEIR ORIENTATION.

50

25X1

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TOP SECRET

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25X1D

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25X1

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TOP SECRET

25X1

KH-4 MISSION 1109

SOVIET UNION  
AIR BASE FACILITIES

### SIGNIFICANT RESULTS

AGINSKOYE AIRFIELD

51-05 [ ] N 114-30 [ ] E

25X1D

STATUS: NEGATED

25X1A

25X1D 25X1D

REMARKS:  
NO AIRFIELD IS OBSERVED AT OR NEAR THE REFERENCED COORDINATES.

25X1D

ALMA-ATA AIRFIELD NORTHWEST

43-20 [ ] N 076-53 [ ] E

25X1D

STATUS: OPERATIONAL

25X1A

25X1D 25X1D

REMARKS:  
A LARGE CONCRETE PARKING APRON AND FIVE SUPPORT BUILDINGS HAVE BEEN COMPLETED IN THE NW CORNER OF THE AIRFIELD. CONSTRUCTION IS IN PROGRESS ON A POSSIBLE HARD SURFACED RUNWAY IN THIS NW AREA. A HANGAR HAS BEEN RAZED IN THE SW PORTION OF THE FIELD. A CONCRETE HELICOPTER LANDING PAD IS NEAR THE CENTER OF THE FIELD.

AIR ORDER OF BATTLE:  
1 CRATE

10 HELICOPTERS

25X1D

BERDSK AIRFIELD

54-43 [ ] N 083-05 [ ] E

25X1D

STATUS: OPERATIONAL

25X1A

25X1D 25X1D

REMARKS:  
A BUILDING IS UNDER CONSTRUCTION ADJACENT TO THE PARKING AREA. A HELICOPTER LANDING AREA IS AT THE SOUTHERN END OF THE AIRFIELD. THE AIRFIELD IS ADJACENT TO NOVOSIBIRSK ARMY BARRACKS BERDSK

25X1A

52

25X1

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TOP SECRET



25X1

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TOP SECRET

25X1

KH-4 MISSION 1109

SOVIET UNION  
AIR BASE FACILITIES

25X1D AIR ORDER OF BATTLE:  
 [REDACTED] -- IN PARKING AREA  
 1 LIGHT STRAIGHT-WING  
 10 SMALL STRAIGHT-WING

3 PROB HELICOPTERS

25X1D [REDACTED] -- IN HELICOPTER LANDING AREA  
 3 PROB HELICOPTERS

25X1D

CHOLPONATA AIRFIELD

42-38 [REDACTED] N 077-03 [REDACTED] E

25X1D

STATUS: OPERATIONAL

25X1A

25X1D 25X1D

## PHYSICAL DESCRIPTION:

1 NM WEST OF CHOLPONATA AND 95 NM NE OF THE USSR-CHINA BORDER.  
 A 1,723 X 55-METER (5,653 X 180-FOOT) N/S SERVICEABLE  
 GRADED-EARTH RUNWAY WITH CORNER MARKERS, A LANDING TEE ON THE  
 SOUTH END OF THE RUNWAY, AND A TERMINAL AREA. SUPPORT  
 FACILITIES INCLUDE A TERMINAL BUILDING, TWO SUPPORT BUILDINGS,  
 AND A SMALL POL STORAGE AREA. THE ACCESS ROAD LEADING TO THE  
 AIRFIELD IS BEING RESURFACED.

AIR ORDER OF BATTLE:  
 NONE DISCERNIBLE

25X1D

FRUNZE AIRFIELD

42-50 [REDACTED] N 074-34 [REDACTED] E

25X1D

NAC

25X1A

STATUS: OPERATIONAL

25X1D 25X1D

## AIR ORDER OF BATTLE:

3 COOT  
 3 CAT/CUB/CAMP  
 6 CODLING  
 8 LIGHT STRAIGHT-WING

7 SMALL STRAIGHT-WING (1  
 AIRBORNE)  
 10 HELICOPTERS (AT LEAST)

25X1D

53

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TOP SECRET

25X1

25X1

Approved For Release 2002/04/04 : CIA-RDP78T04562A000400010001-3

TOP SECRET

25X1

KH-4 MISSION 1109

SOVIET UNION  
AIR BASE FACILITIES

25X1D

25X1D

ILI AIRFIELD SOUTH

43-43 N 077-07 E

25X1D

25X1D

STATUS: OPERATIONAL

25X1A

## PHYSICAL DESCRIPTION:

4 NM NORTH OF NIKOLAYEVKA. A 2,495 X 60-METER (8,185 X 197-FOOT) NNE/SSW SERVICEABLE ASPHALT RUNWAY WITH TWO END-CONNECTING AND FOUR CROSSOVER LINKS, A PARALLEL TAXIWAY, A PARKING APRON, AND A MAINTENANCE APRON AND THREE

25X1

NNE/SSW SERVICEABLE GRADED-EARTH RUNWAYS WITH CORNER MARKERS AT THE NNE END. FACILITIES INCLUDE AN OPERATIONS BUILDING WITH A CONTROL TOWER AND A MAINTENANCE AREA WITH ONE QUONSET BUILDING AND TWO SUPPORT BUILDINGS. TWO SEPARATE BARRACKS ARE OBSERVED. ONE IS APPROXIMATELY 1 NM NW OF THE PARKING APRON AND CONTAINS FOUR BARRACKS, ONE QUONSET STORAGE BUILDING, ONE LARGE CLERESTORY MAINTENANCE BUILDING, ONE PUG STORAGE BUILDING, ONE PROBABLE HEATING PLANT, THREE SMALL SUPPORT BUILDINGS, AND ONE BUILDING UNDER CONSTRUCTION. THE SECOND BARRACKS AREA IS 1.5 NM SW OF THE PARKING APRON. IT IS SEPARATELY SECURED AND CONTAINS THREE BARRACKS, ONE PROBABLE MESSHALL, TWO SMALL SUPPORT BUILDINGS, AND AT LEAST FOUR BUILDING FOUNDATIONS. A POL STORAGE AREA ADJACENT TO THE SW END OF THE PARKING APRON CONTAINS FIVE REVETTED HORIZONTAL TANK STORAGE PLACEMENTS WITH APPROXIMATELY 90 HORIZONTAL POL TANKS AND TWO SUPPORT SHEDS. AN AW RADAR FACILITY CONTAINING TWO OCCUPIED RADAR MOUNDS AND AN UNDETERMINED NUMBER OF ASSOCIATED VEHICLES IS IMMEDIATELY SOUTH OF THE POL STORAGE AREA. TWO SEPARATE STORAGE AREAS ARE IMMEDIATELY WEST OF THE PARKING APRON. A THIRD PROBABLE DOUBLE-SECURED STORAGE AREA WITH FOUR STORAGE BUILDINGS IS 2 NM NW OF THE AIRFIELD. THE AIRFIELD IS EQUIPPED WITH ILS AND GCA.

AIR ORDER OF BATTLE:  
39 PROB MAYA

1 SMALL STRAIGHT-WING

25X1D

TOP SECRET

25X1

25X1

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TOP SECRET

25X1

KH-4 MISSION 1109

SOVIET UNION  
AIR BASE FACILITIES

25X1D 25X1D

KAMASHI AIRFIELD

38-48- N 066-29- E

25X1D

STATUS: OPERATIONAL

25X1A

PHYSICAL DESCRIPTION:

1.3 NM SE OF KAMASHI.  E/W  
SERVICEABLE GRADED-EARTH RUNWAY WITH END MARKERS ON THE WESTERN  
END AND A PARKING AREA TO THE NE. FACILITIES INCLUDE TWO SMALL  
BUILDINGS.

25X1

AIR ORDER OF BATTLE:  
NONE DISCERNIBLE

25X1D

KNYAZHPOGOST AIRFIELD

62-36- N 050-55- E

25X1D

STATUS: OPERATIONAL

25X1A

25X1D 25X1D

PHYSICAL DESCRIPTION:

ON THE NE EDGE OF KNYAZHPOGOST. A NE/SW RUNWAY, SNOW COVERED.  
A SECURED POL STORAGE AREA CONTAINS TEN HORIZONTAL TANKS AND A  
SUPPORT BUILDING.

AIR ORDER OF BATTLE:  
2 SMALL STRAIGHT-WING

25X1D

KOTLY AIRFIELD

59-35- N 028-46- E

25X1D

NAC

STATUS: OPERATIONAL

25X1A 25X1D 25X1D

AIR ORDER OF BATTLE:  
NONE DISCERNIBLE

55

25X1

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TOP SECRET

25X1

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TOP SECRET

25X1

KH-4 MISSION 1109

SOVIET UNION  
AIR BASE FACILITIES

ASSOCIATED OBJECTS:  
75 VEHICLES OR PIECES OF  
EQUIPMENT IN SUPPORT AREA

25X1D

MAYMANAK AIRFIELD

39-08 N 065-09 E

25X1D

STATUS: OPERATIONAL

25X1A

25X1D

25X1D

## REMARKS:

A PARALLEL TAXIWAY WITH AN ALERT APRON ALONG THE NORTHEAST END  
HAS BEEN COMPLETED SINCE [REDACTED] A SUPPORT AREA  
WITH TWO BUILDINGS AND A POL STORAGE AREA ARE IMMEDIATELY EAST  
OF THE RUNWAY. NO NEW CONSTRUCTION IS OBSERVED WEST OF THE  
AIRFIELD.

25X1D

AIR ORDER OF BATTLE:  
NONE DISCERNIBLE

25X1D

MOSCOW/PUSHKINO AIRFIELD

55-58 N 037-51 E

25X1D

STATUS: OPERATIONAL

25X1A

25X1D

25X1D

## PHYSICAL DESCRIPTION:

ON THE SOUTHEAST EDGE OF PUSHKINO. THIS IS A SOD LANDING AREA  
MEASURING APPROXIMATELY 1,005 X 822 METERS (3,300 X 2,700  
FEET). THE LANDING AREA IS SNOW COVERED BUT APPEARS TO BE  
OPERATIONAL. FACILITIES INCLUDE ONE HANGAR AND TEN SUPPORT  
BUILDINGS.

AIR ORDER OF BATTLE:  
27 SMALL AIRCRAFT (AT  
LEAST)

25X1D

TOP SECRET

25X1

25X1

TOP SECRET

25X1

[REDACTED]

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SOVIET UNION  
AIR BASE FACILITIES

25X1D

NOVO-TROITSKOYE AIRFIELD

[REDACTED]

[REDACTED]

STATUS: OPERATIONAL

25X1A

43-40 [REDACTED] N 073-44 [REDACTED] E

25X1D 25X1D

25X1

PHYSICAL DESCRIPTION:  
APPROXIMATELY 4 NM SSE OF NOVO-TROITSKOYE AND 1 NM EAST OF THE  
CHU RIVER. [REDACTED] NW/SE

25X1

25X1

SERVICEABLE NATURAL SURFACE RUNWAY AND A [REDACTED]  
[REDACTED] E/W SERVICEABLE NATURAL SURFACE RUNWAY. A TERMINAL  
AREA CONTAINING A TERMINAL BUILDING WITH A CONTROL TOWER AND  
SIX SUPPORT BUILDINGS AND A PARKING AREA CONTAINING 18 PARKING  
STANDS ARE IN THE SE CORNER OF THE FIELD. A POL STORAGE AREA  
WITH 14 HORIZONTAL POL TANKS IS IMMEDIATELY WEST OF THE  
AIRFIELD.

AIR ORDER OF BATTLE:  
10 SMALL STRAIGHT-WING

25X1D

[REDACTED]

43-01 [REDACTED] N 078-37 [REDACTED] E

25X1D 25X1D

25X1D

ZHALANASH/KEGEN AIRFIELD

[REDACTED]

[REDACTED]

STATUS: OPERATIONAL

25X1A

25X1

PHYSICAL DESCRIPTION:  
5 NM NNW OF ZHALANASH. [REDACTED]  
NW/SE SERVICEABLE GRADED-EARTH RUNWAY WITH A POSSIBLE [REDACTED]  
[REDACTED] EXTENSION ALONG THE NW END AND A PARKING AREA NEAR  
THE SE END. A SUPPORT AREA IMMEDIATELY TO THE SOUTH CONTAINS  
AT LEAST SIX BUILDINGS.

25X1  
25X1

AIR ORDER OF BATTLE:  
NONE DISCERNIBLE

25X1D

[REDACTED]

TOP SECRET

[REDACTED]

25X1

25X1

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TOP SECRET

[REDACTED]

25X1

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SOVIET UNION  
AIR BASE FACILITIES

OTHER RESULTS-NO APPARENT CHANGE

KOCHENEVO AIRFIELD

25X1D

[REDACTED]

NAC

55-01

[REDACTED]

N 082-15

[REDACTED]

25X1D

25X1D

25X1A

[REDACTED]

STATUS: OPERATIONAL

AIR ORDER OF BATTLE:  
NONE DISCERNIBLE

25X1D

[REDACTED]

[REDACTED]

25X1

25X1

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TOP SECRET

25X1

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SOVIET UNION  
GROUND FORCE FACILITIES

## SIGNIFICANT RESULTS

25X1D 25X1D

ALMA-ATA TNG AREA 1

43-31 [ ] N 076-48 [ ] E

25X1D

STATUS: OPERATIONAL

25X1A

## REMARKS:

ACTIVITY IS AT A HIGH LEVEL THROUGHOUT THE ENTIRE TRAINING AREA. AT LEAST 20 VEHICLES ARE OBSERVED IN THE WESTERN AREA (FOUR ON THE APC FIRING LOOP, THREE ON THE TANK OR ASSAULT GUN FIRING RANGE, AND AT LEAST 13 IN THE MOTOR POOL). A POSSIBLE THIRD FIRING RUN MAY HAVE BEEN ADDED AT THE TANK OR ASSAULT GUN FIRING RANGE. TWO SUPPORT BUILDINGS ARE UNDER CONSTRUCTION. TEN ADDITIONAL VEHICLES ARE OBSERVED IN THE EASTERN AREA.

GROUND FORCE ORDER OF BATTLE:  
30 VEHICLES OR PIECES OF  
EQUIPMENT (AT LEAST)

25X1D

BIKIN BORDER SECURITY POST WEST

46-50 [ ] N 134-03 [ ] E

25X1D

STATUS: OCCUPIED

25X1A

25X1D 25X1D

## PHYSICAL DESCRIPTION:

1 NM EAST OF THE USSR-CHINA USSURI RIVER BORDER AND 8 NM WEST OF BIKIN. THIS SECURED INSTALLATION CONSISTS OF ONE BARRACKS, ONE PROBABLE SUPPORT BUILDING, THREE STORAGE OR SUPPORT BUILDINGS, TWO UTILITY BUILDINGS, AND A SMALL-ARMS FIRING RANGE.

25X1D

GUBEROVO BORDER SECURITY POST

46-12 [ ] N 133-53 [ ] E

25X1D

STATUS: OCCUPIED

25X1A

25X1D 25X1D

TOP SECRET

25X1

25X1

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TOP SECRET

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25X1

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SOVIET UNION  
GROUND FORCE FACILITIES

PHYSICAL DESCRIPTION:  
2 NM EAST OF THE USSR-CHINA USSURI RIVER BORDER AND 2.5 NM WEST  
OF GUBEROVO. THIS SECURED INSTALLATION CONSISTS OF ONE  
BARRACKS, FOUR STORAGE OR SUPPORT BUILDINGS, TWO UTILITY  
BUILDINGS, AND AN OBSERVATION TOWER.

25X1D

KATTA-KURGAN TRAINING AREA WEST 1

39-52 N 066-06 E

25X1D

STATUS: UNKNOWN

25X1A

25X1D

25X1D

REMARKS:  
THE NEW VEHICLE PARK IN THE EASTERN PORTION OF THE TRAINING  
AREA THAT CONTAINED 16 ROWS OF UNIDENTIFIED VEHICLES OR PIECES  
OF EQUIPMENT IN [REDACTED] MAY NOW BE EMPTY. THE  
AREA OF UNIDENTIFIED CONSTRUCTION SE OF THE TRAINING AREA  
APPEARS TO BE ASSOCIATED WITH MINING.

25X1D

25X1D

NOVOSIBIRSK ARMY BARRACKS BERDSK

54-44 N 083-05 E

25X1D

STATUS: OCCUPIED

25X1A

25X1D

25X1D

PHYSICAL DESCRIPTION:  
ON THE SOUTH EDGE OF BERDSK, 18 NM SSE OF NOVOSIBIRSK. THIS  
SECURED FACILITY CONTAINS ONE ADMINISTRATION BUILDING, SEVEN  
BARRACKS, FOUR BARRACKS OR SUPPORT BUILDINGS, TEN STORAGE OR  
SUPPORT BUILDINGS, ONE MESSHALL, AND A PARADE GROUND. A  
SEPARATELY SECURED MOTOR POOL IMMEDIATELY NORTH CONTAINS FOUR  
VEHICLE SHEDS (ONE PROBABLY UNDER CONSTRUCTION) AND ONE UTILITY  
SHED.

GROUND FORCE ORDER OF BATTLE:  
25 VEHICLES (AT LEAST)

25X1D

25X1



25X1

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TOP SECRET

25X1

KH-4 MISSION 1109

SOVIET UNION  
GROUND FORCE FACILITIES

POKROVKA BORDER SECURITY POST

46-42 N 134-01 E

25X1D

25X1D

25X1D

STATUS: OCCUPIED

25X1A

PHYSICAL DESCRIPTION:

400 METERS EAST OF THE USSR-CHINA USSURI RIVER  
BORDER AT POKROVKA. THIS SECURED INSTALLATION CONSISTS OF ONE  
BARRACKS, TWO STORAGE OR SUPPORT BUILDINGS, AND FOUR UTILITY  
BUILDINGS.

25X1

25X1D

25X1

25X1

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TOP SECRET

25X1

SOVIET UNION  
LOGISTICS

KH-4 MISSION 1109

### SIGNIFICANT RESULTS

AKTASH BI-PROPELLANT STORAGE FACILITY

39-54 [ ] N 065-54 [ ] E

25X1D

STATUS: OPERATIONAL

25X1A

25X1D

25X1D

#### REMARKS:

APPROXIMATELY 85 PERCENT OF THE HORIZONTAL POL TANKS IN THE TEN  
REVERTED HORIZONTAL TANK STORAGE PLACEMENTS IN THE NORTHERN  
PORTION OF THE FACILITY HAVE BEEN REMOVED SINCE [ ]

25X1D

[ ] AN UNDETERMINED NUMBER OF SMALL UNIDENTIFIED OBJECTS IS  
ALONG THE ROAD NEAR THE TRANSLOADING AREA. TWENTY-FOUR  
LIGHT-COLORED RAIL TANK CARS ARE IN THE TRANSLOADING AREA.

25X1D

#### ASSOCIATED OBJECTS:

24 RAIL TANK CARS

25X1D

OTAR STORAGE FACILITY

43-31 [ ] N 075-13 [ ] E

25X1D

STATUS: UNDER CONSTRUCTION

25X1A

25X1D

25X1D

#### PHYSICAL DESCRIPTION:

ON THE EASTERN EDGE OF OTAR. THIS RAIL-SERVED SECURED FACILITY  
CONTAINS 20 QUONSET-TYPE STORAGE BUILDINGS AND A LARGE AMOUNT  
OF MATERIAL IN OPEN STORAGE ALONG THE NORTHERN EDGE OF THE  
INSTALLATION. A PROBABLY RELATED STORAGE AREA 2 NM TO THE SE  
CONTAINS 11 QUONSET-TYPE STORAGE BUILDINGS AND A LARGE AMOUNT  
OF MATERIAL IN OPEN STORAGE. CONSTRUCTION OF THESE AREAS BEGAN

25X1D

ABOUT [ ]

25X1D

25X1

25X1

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25X1

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TOP SECRET

25X1

SOVIET UNION  
INDUSTRY

KH-4 MISSION 1109

### SIGNIFICANT RESULTS

SUSHKI EXPLOSIVES MANUFACTURING PLANT

54-11-//N 040-28-//E

25X1D

STATUS: OPERATIONAL

25X1A

REMARKS:  
APPROXIMATELY 30 PROCESSING AND STORAGE BUILDINGS (13 REVETTED)  
AND 15 VERY SMALL REVETTED STORAGE BUILDINGS ARE IN THE MAIN  
PLANT AREA. ELEVEN REVETTED BUILDINGS AND TWO BUILDINGS  
PROBABLY UNDER CONSTRUCTION ARE IN THE WESTERN AREA. THERE IS  
NO SIGNIFICANT CHANGE IN THE NORTHERN AREA.

25X1D

OTHER RESULTS-NO APPARENT CHANGE

25X1D

KRASNOURALSK EXPLOSIVE PLT  
NAC

58-19 N 060-06 E

25X1A

STATUS: OPERATIONAL

25X1D

25X1D

25X1D

25X1

25X1

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TOP SECRET

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25X1

SOVIET UNION  
MISCELLANEOUS

KH-4 MISSION 1109

## SIGNIFICANT RESULTS

25X1D 25X1D

38-17 N 065-33 E

25X1D

TALIMARDZHAN SUPPORT BASE

25X1A

STATUS: OCCUPIED

PHYSICAL DESCRIPTION:  
 8 NM NNE OF TALIMARDZHAN. THIS INSTALLATION FUNCTIONS AS THE  
 SUPPORT AND SUPPLY BASE FOR THE CONSTRUCTION OF THE CANAL THAT  
 PRESENTLY EXTENDS FROM THE AMU DARYA SE OF KERKI, NORTHWARD FOR  
 APPROXIMATELY 65 NM TO AN AREA APPROXIMATELY 20 NM SOUTH OF  
 KARSHI. THE NORTHERN TERMINUS CANNOT BE DETERMINED. THE STAGES  
 OF CONSTRUCTION RANGE FROM A MIDSTAGE IN THE SOUTH TO AN EARLY  
 STAGE IN THE NORTHERN PORTIONS. A HYDROPOWER STATION IS UNDER  
 CONSTRUCTION BESIDE THE CANAL 3.5 NM WEST OF THE SUPPORT AREA.  
 THE SUPPORT AND SUPPLY BASE CONTAINS A HOUSING AREA AND A  
 SUPPLY AREA. THE HOUSING AREA CONTAINS 90 MULTISTORY APARTMENT  
 BUILDINGS, ONE HOSPITAL, TWO SCHOOLS, A PROBABLE COMMUNITY  
 CENTER, AN OUTDOOR THEATER, TEN OTHER BUILDINGS, AN ATHLETIC  
 FIELD, AND FOUR BUILDING FOUNDATIONS. THE SUPPLY AREA CONTAINS  
 THREE RAIL-SERVED WAREHOUSES, A MAINTENANCE BUILDING, A LARGE  
 MULTISTORY STORAGE OR SUPPORT BUILDING, 12 SUPPORT BUILDINGS,  
 AN OPEN STORAGE AREA, AND A POL STORAGE AREA WITH 15 HORIZONTAL  
 POL TANKS. A SEPARATE PROBABLE FUEL STORAGE AREA IMMEDIATELY  
 EAST OF THE RAIL LINE CONTAINS ONE LARGE BUNKER, EXCAVATIONS  
 FOR EIGHT VERTICAL POL TANKS, TWO SUPPORT BUILDINGS, AND ONE  
 BUILDING UNDER CONSTRUCTION. A CONDUIT WITH EXPANSION JOINTS  
 CONNECTS THIS AREA TO THE HOUSING AREA.

25X1D

25X1

**TOP SECRET**

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